1. compute\_propellor\_trajectory(propeller\_mass = 0.007, starting\_rotation\_speed=133, starting\_fan\_release\_height=5)

**Fan went a little bit up to 6.962m and fell down – fell after 4.12 seconds**

1. compute\_propellor\_trajectory(propeller\_mass = 0.004, starting\_rotation\_speed=133, starting\_fan\_release\_height=5)

Decreased mass to 0.004 kg

Fan went a bit up to 21.283m and fell down – fell after 6.98 seconds  
When mass decreased, height increased and total time increased

1. compute\_propellor\_trajectory(propeller\_mass = 0.117, starting\_rotation\_speed=133, starting\_fan\_release\_height=5)

Increased mass to 0.117 kg

Fan did not go up and fell down from 5m – fell after 1.04 seconds  
When mass increased, height decreased and total time decreased

1. compute\_propellor\_trajectory(propeller\_mass = 0.007, starting\_rotation\_speed=200, starting\_fan\_release\_height=5)

Increased starting rotation speed to 200

Fan went a bit up to 39.218m and fell down – fell after 8.9 seconds  
When starting rotation speed increased, height increased and total time increased

1. compute\_propellor\_trajectory(propeller\_mass = 0.007, starting\_rotation\_speed=100.66, starting\_fan\_release\_height=5)

Decreased starting rotation speed to 100.66

Fan did not go up and fell down from 5m – fell after 1.5 seconds  
When starting rotation speed decreased, height decreased and total time decreased

1. compute\_propellor\_trajectory(propeller\_mass = 0.007, starting\_rotation\_speed=133, starting\_fan\_release\_height=7)

Increased fan release height to 7m

Fan went a bit up to 8.972m and fell down – fell after 4.24 seconds  
When fan release height increased, height increased and total time increased

1. compute\_propellor\_trajectory(propeller\_mass = 0.007, starting\_rotation\_speed=100.66, starting\_fan\_release\_height=3)

Decreased fan release height to 3m and rotation speed to 100.66

Fan did not go up and fell down from 3m – fell after 1.26 seconds  
When fan release height decreased, height decreased and total time decreased